
Product Information

Product SKU:	CAB4364	Gene ID:	5500	Size:	20uL, 100uL
Clone No:	ARC0981	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	37kDa	Conjugate:	Unconjugated
Calculated MW:	37kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants encoding distinct isoforms have been observed.

Recommended Dilution: WB,1:500 - 1:1000 IHC-P,1:500 - 1:1000 IF/ICC,1:50 - 1:200

Synonyms: MP; PP1B; PP1c; NSLH2; PP-1B; PPP1CD; PP1beta; PPP1beta; HEL-S-80p; PP1 beta

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 228-327 of human PP1 beta (P62140).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.